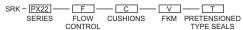
SEAL REPAIR KITS AND SEAL OPTIONS

PART NUMBERS FOR SEAL REPAIR KITS



EXAMPLES:

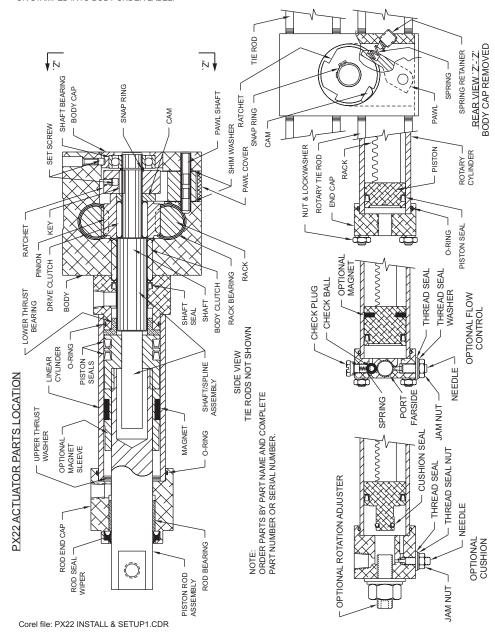
SEAL KIT FOR PX22-90-A4-3C2-3RL-WA4 = SRK-PX22-C

SEAL KIT FOR PX22-180-B2-2F1-WA1 = SRK-PX22-F

SEAL KIT FOR SPECIAL, SUCH AS PX22-B004 = SRK-PX22-B004

IF PART NUMBER IS NOT KNOWN, PROVIDE UNIT SERIAL NUMBER FROM LABEL

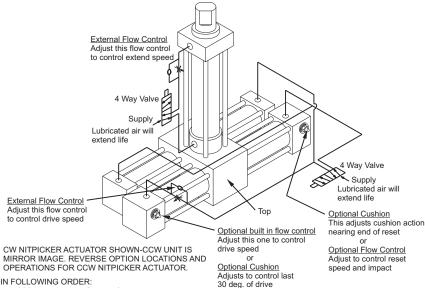
OR STAMPED INTO BODY UNDER LABEL.





11 Sunshine Blvd. Ormond Beach, Fl. 32174 Phone: 386/676-6377 Fax: 386/676-6379 Email: sales@rotomation.com Website: www.rotomation.com

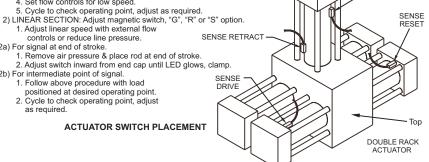
PX22 NITPICKER ACTUATOR INSTALLATION AND SETUP



ADJUST IN FOLLOWING ORDER:

Skip options which your actuator does not have.

- ROTARY SECTION: Adjust magnetic switch, "G", "R" or "S" option.
 DISABLE AUTOMATIC CONTROL. KEEP CLEAR OF SHAFT AND SHAFT MOUNTED PARTS!
- 2. Apply voltage to switch only, place switch at end cap, cable toward body.
- 1a) For signal at end of rotation.
 - 1. Drive unit to end of rotation.
 - 2. Move switch toward body until LED glows, clamp
 - 3. Set flow controls for low speed.
 - 4. Cycle to check operating point, adjust as required.
- 1b) For signal before end of rotation.
 - 1. Apply low pressure (5 psi for standard seals) to
- cylinder being set.
- Position shaft to switching point.
- Move switch toward body until LED glows, clamp
- 4. Set flow controls for low speed.
- 5. Cycle to check operating point, adjust as required.
- controls or reduce line pressure
- 2a) For signal at end of stroke.
 - 1. Remove air pressure & place rod at end of stroke
- 2. Adjust switch inward from end cap until LED glows, clamp.
- 2b) For intermediate point of signal.
 - positioned at desired operating point.
 - 2. Cycle to check operating point, adjust
 - as required.



SENSE EXTEND

3) To adjust speed "F" option.

Flow controls may be built in ("F" option) or external (not supplied by Rotomation, Inc.)

To adjust built in controls:

- Loosen iam nut.
- 2. Tighten needle to reduce speed, loosen to increase speed. Make small adjustments.
- 3. Tighten jam nut while holding needle steady.
- 4) Adjust Cushion "C" option.
 - 1. Loosen jam nut.
 - 2. Tighten needle to increase stiffness of cushion, loosen to decrease.
 - 3. Tighten jam nut while holding needle steady.

SWITCH LEADS

OPTION I FAD

Standard Lead GL. RL. SL 9', end stripped

Connection option GC, RC, SC 6" pigtail with male

connector

EXTENSION CABLES (PURCHASE SEPARATELY)

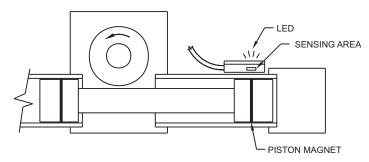
PART NUMBER DESCRIPTION

CC2 2 m cable, female connector one end, stripped other end.

CC5 5 m cable, female connector one end, stripped other end.

- KEEP MAGNETIC MATERIAL AWAY -

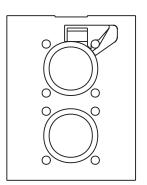
SENSING



APPROACHING PISTON MAGNET ACTIVATES SENSOR, OPERATES SWITCH AND LED. PLACE SWITCH AS CLOSE AS POSSIBLE TO END CAP FOR CORRECT OPERATING POSITION.

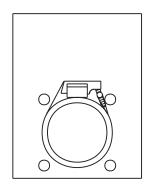
SWITCH MOUNTING

TIE ROD CLAMP



SERIES PX22 ROTARY

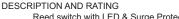
STRAP CLAMP



SERIES PX22 LINEAR

TIGHTEN STRAP CLAMP TO HOLD SWITCH STABLE. DO NOT DISTORT SWITCH CASE.

ROTOMATION REED SWITCH - OPTION G



REPLACE THEREAFTER BY ROTOMATION, INC.

AND CANNOT FERFORMANCE

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SHIP

COMPATIBL

SEFORE OF COM

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R FUNCTION BI GUARANTEE (

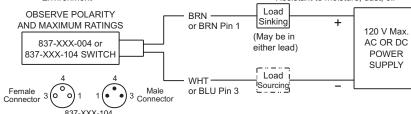
OR PROPER F HAVE NO G

TESTS ALL SWITCHES FOI OF OTHER MANUFACTURE

PF

ROTOMATION 1 SWITCHES OF

Reed switch with LED & Surge Protection, normally open 5-120 VAC/VDC Switching voltage Switching current .5 a, max., .005 min. Switching power 10 w, max. Voltage drop 3.5 V Temperature range -30 to +80C Environment Resistant to moisture, dust, oil



ROTOMATION SINKING (NPN) SWITCH - OPTION R

DESCRIPTION AND RATING NO, sinking (NPN), LED

Switching voltage 6 to 24 VDC Switching current .5 a, max. Switching power 12 w, max. Voltage drop .5 V Temperature range -30 to +80C Environment Resistant to moisture, dust, oil

OBSERVE POLARITY BRN + AND MAXIMUM RATINGS or BRN Pin 1 6-24 VDC 837-XXX-034 or GRN LOAD **POWER** 837-XXX-134 SWITCH SUPPLY WHT Female or BLU Pin 3 Connector

ROTOMATION SOURCING (PNP) SWITCH - OPTION S

DESCRIPTION AND RATING NO, sourcing (PNP), LED

Switching voltage 6 to 24 VDC Switching current .5 a, max. Switching power 12 w, max. Voltage drop .5 V -30 to +80C Temperature range Environment Resistant to moisture, dust, oil

